

XP-002193781

AN - 1993-088803 [11]

A - [001] 014 02& 032 034 040 06- 072 074 075 076 117 122 140 15- 18& 18-
20- 229 231 27& 308 309 310 331 437 441 456 461 473 476 541 551 556
567 570 573 575 583 589 604 608 721 722 723

AP - JP19910193272 19910801 JP19910193272 19910801; [Previous Publ.
J05032863]

CPY - SUMB

DC - A12 A21

DR - 1278-U 1544-U 1694-U 1949-U 2020-U 5214-U 5249-U 5272-U 5403-U

FS - CPI

IC - C08L9/02 ; C08L61/06 ; C08L61/10

KS - 0009 0011 0037 0057 0060 0069 0205 0218 0226 0376 1095 1277 2020 2211
2214 2215 2216 2218 2465 2510 2545 2585 2600 2617 2632 2635 2667 3170

MC - A04-B04 A05-C01A A07-A04B A08-R01 A09-A05A

PA - (SUMB) SUMITOMO BAKELITE CO

PN - JP5032863 A 19930209 DW199311 C08L61/06 005pp
- JP2653574B2 B2 19970917 DW199742 C08L61/06 005pp

PR - JP19910193272 19910801

XA - C1993-039505

XIC - C08L-009/02 ; C08L-061/06 ; C08L-061/10

AB - J05032863 The compsn. comprises 20-40 pts. wt. of (A) resol resin,
5-15 pts. wt. of (B) novolak resin, 3-10 pts. wt. of (C) partially
crosslinked acrylonitrile-butadiene rubber (NBR) and 35-65 pts. wt. of
(D) inorganic filler.

- Specifically, (A) may be of dimethylene ether or methyl type and
should pref. have a softening point of above 70 deg.C (ball and ring
method). (B) should pref. have a wt. average mol. wt. of higher than
4,000, pref. 5,000 to 9,000. (A) and (B) are used in a ratio of 60:40
to 90:10. (C) should pref. have a crosslinking ratio of less than 1%,
an SP value of 9 to 10 and a mol. wt. of 200,000 to 500,000. (D)
includes CaCO₃, clay, mica, silica, wollastonite, Mg(OH)₂, Al(OH)₃,
glass fibre, alumina fibre, etc.

- ADVANTAGE - The phenolic resin compsn. has well-balanced high
flexural, tensile and impact strengths and excellent heat resistance.
It has high fluidity and good injection mouldabil(Dwg.0/0)

AW - PHENOL]

AKW - PHENOL]

IW - HIGH IMPACT PHENOLIC RESIN COMPOSITION COMPRISE RESOL RESIN NOVOLAK
RESIN CROSSLINK POLYACRYLONITRILE POLYBUTADIENE RUBBER INORGANIC FILLIKW - HIGH IMPACT PHENOLIC RESIN COMPOSITION COMPRISE RESOL RESIN NOVOLAK
RESIN CROSSLINK POLYACRYLONITRILE POLYBUTADIENE RUBBER INORGANIC FILL

NC - 001

OPD - 1991-08-01

ORD - 1993-02-09

PAW - (SUMB) SUMITOMO BAKELITE CO

TI - High-impact phenolic resin compsn. - comprises resol resin, novolak
resin, partially crosslinked acrylonitrile]-butadiene] rubber and
inorganic filler